## Use Attainability Analysis

for

## WBID 1615 Charrette Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

RECEIVED

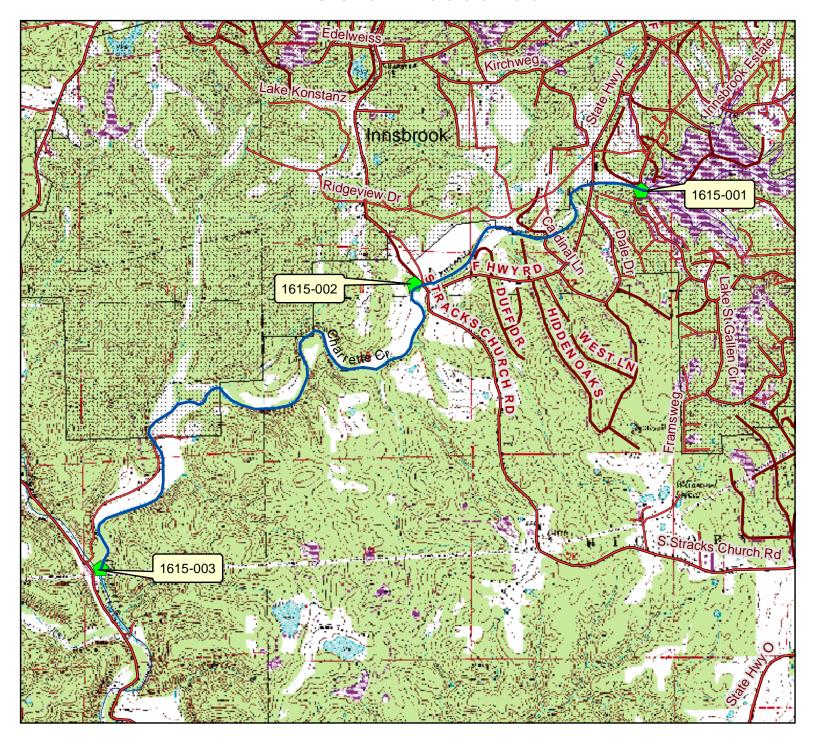
## Field Data Sheets for Recreational Use Stream Surveys

## Data Sheet A - Water Body Identification

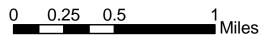
2005 JUL 14 AM 7: 16

	HATER PROTECTION PROGRAM
Water Body Name: (from USGS 7.5' quad) Charettle creek	
8-digit HUC: 10300200	
Missouri WBID#: //a/S	
Country Idla & Cald	
Upstream Legal Description: 91.06 046 38.75 064  Downstream Legal Description: 91.09 443 38.6664	/
Downstream Legal Description: 91,09 443 138. Late 64	P
Upstream Coordinates: U (UGS 84, ddd.ddddd)	
Downstream Coordinates: (UGS 84, ddd.dddd)	
Discharger Facility Name(s):	
Discharger Permit Number(s):	
Number of Sites Evaluated:	
Name of Surveyor and Telephone Number: Many Clark	
Organization: MONE	
Position: ESIZ	
	24
I, the undersigned, hereby affirm to the best of my knowledge, that all info datasheet is true and accurate.	rmation reported on this UAA
\	
Signed: Mou Clark Date: 7	-/2-05

# Charrette Creek #1615 Warren County HUC 8 - 10300200







## Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#: /4	MS=003	<u>}</u>	Site Location D	•	
Site GPS Coordinates:	1	P.75 od	stracker (	Thurch rd. E	bridge N. 8 1
	·	150.	Facility Name:	. , , , , , , , , , , , , , , , , , , ,	1
Personnel: Mar	Mark		Permit Number	:	
Current Weather Condit	ions: old	Sorial	/ Weather Condi	tions for Past 7 days:	
Photo Ids: Upstream:		vnstream:	Cothe		
es Observed*:	Ta a		arm		F1 W
Swimming	Skin diving	<del></del>	SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		Boating	□ Wading	Rafting
☐ Hunting	☐ Trapping		ishing	None of the above	Other:
		, .	quarky or use, passes	documentation of evidence	
rrounding Condition					
rrounding Condition		promote or i			
rrounding Condition	15*: (Mark all that p	promote or i	impede recreational conservation lands	uses. Attach photos of evide	nce or unusual
rrounding Condition as of interest.)  □ City/county parks	15*: (Mark all that p	promote or i	impede recreational conservation lands al forests	uses. Attach photos of evide In huce	Campgrounds
rrounding Condition as of interest.)  City/county parks  Boating accesses  No trespass sign	IS*: (Mark all that parks	oromote or i	impede recreational conservation lands al forests	uses. Attach photos of evider	Campgrounds
rrounding Condition is of interest.)  City/county parks	IS*: (Mark all that parks	Promote or i	impede recreational conservation lands al forests	uses. Attach photos of evider	Campgrounds
rrounding Condition is of interest.)  City/county parks  Boating accesses  No trespass sign  dence of Human Us	Playgrounds  Playgrounds  State parks  Fence	oromote or i	impede recreational conservation lands al forests	uses. Attach photos of evide	nce or unusual  Light Nort  Campgrounds  Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

<sup>\*</sup>Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - Data Sheet B for WBID # 1615 -: 002 Stream Morphology: Upstream View Physical Dimensions: Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): ☐ Riffle Width (ft): Max. Depth (ft): Length (ft): Avg. Depth (ft): **X** Run Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): 🗆 Pool Estimated (tt<sup>3</sup>/sec): ☐ Flow Present? □ No Downstream View Physical Dimensions: Width (ft): Avg. Depth (ft): Max. Depth (ft): Length (ft): ☐ Riffle FUN Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Width (ft): Avg, Depth (ft): Max. Depth (ft): \_ Length (ft): **P**ool Estimated (ft<sup>3</sup>/sec): ☐ Flow ☐ Yes Ø No Present? Substrate\*: (These values should add up to 100%

Aquatic Vegetation\*: (note amount of vegetation or algal growth at the assessment site)

algae under sinder alex citle Flow well of many

% Sand

% Silt

% Mud/Clay

Water Characteristics\*: (Mark all that apply.)

40

% Gravel

% Cobble

Odort	☐ Sewage	☐ Musky	☐ Chemical	None	Other:
Color:	Clear	Screen Pos	Gray	☐ Milky	☐ Other:
Bottom Deposit:	☐ Sludge	☐ Solids	ine sediments	☐ None	☐ Other:
Surface Deposit:	□ Oil	☐ Scum	☐ Foam	☐ None	Mother: a land under
					R.1000

Comments: Please attach additional comments (including information from interviews) to this form.

, the undersigned, hereby affirm to the best of my kn latasheet is true and accurate.	loveledge, that all information reported on this UAA
Signed: Mare Clars	Date: 7-11-05
Organization: MDNA	Position:

% Bedrock

<sup>\*</sup>This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use.

1615\_002\_US



1615\_002\_DS



1615\_002\_US



1615\_002\_DS



#### Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

extro 3	nte
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Missouri WBID#: /4	15-002	2	Site Location D		
Site GPS Coordinates:	11.10106 30	16943	9 Charte	5 Cr. 180.2 mi	le baland
Date & Time: 7-11-	05	3:45	Facility Name:		1 to p
Personnel: Mar	y Clark	enter.	Permit Number	:	رف
Current Weather Condi	<del>, , , , , , , , , , , , , , , , , , , </del>	inp ( be	Weather Condi	tions for Past 7 days:	en Let do
Photo Ids: Upstreamil	. 49.5 Dov	vnstream;	1 4/94 Other	<del>ं</del> त:	0
s Observed*:	renapol wor	King &	7-11-05 1cture (2	.'4s \	
☐ Swimming	☐ Skin diving		SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	□ f	ishing	None of the above	☐ Other:
Describe: (include num				-doclimentation of evidence	1
Describe: (include num					1
. ·	ber of individuals rec	reating, fre	quency of use, photo		of recreational uses, e
rounding Condition	ber of individuals rec	reating, fre	quency of use, photo	doclinentation of evidence	of recreational uses, e
rounding Conditions of interest.)	ns*: (Mark all that p	reating, fre	quency of use, photo impede recreational a	doclimentation of evidence	nce or unusual
rounding Conditions of interest.)	ns*: (Mark all that p	reating, fre	impede recreational sconservation lands	uses. Attach photos of evide	nce or unusual  Campgrounds
rounding Conditions of interest.)  City/county parks  Boating accesses	ns*: (Mark all that p  Playgrounds  State parks	reating, fre	impede recreational sconservation lands	uses. Attach photos of evidence	nce or unusual  Campgrounds
rounding Conditions of interest.)  City/county parks  Boating accesses  No trespass sign	ns*: (Mark all that p  Playgrounds  State parks	momote or  MDC  Nation	impede recreational sconservation lands	uses. Attach photos of evidence	nce or unusual  Campgrounds

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

<sup>\*</sup>Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Iwo - Data Sheet B for WBID # 1675 : 00 2 1/2
Stream Morphology:

KRiffle Width	(ft); 😽	Length (ft):	15- 1	Avg. Depth (ft)	0.5	Max. Depth (ft):	0,00
CKRun Width	(ft): 15	Length (ft):	40	Avg. Depth (ft)			0.75
Pool Width		Length (ft):		Avg. Depth (ft)		Max. Depth (ft):	
☐ Flow Preser	it? XYes	. □ No		stimated (ft <sup>3</sup> /s			
Downstream Vi	sheam o ew Physical	Dimensions:	= 30-40	'wide	≥ fo'];	one ave. de	desta
□ Riffle Width	.(ft):	Length (ft):		Avg. Depth (ft)	:	Max. Depth (ft):	
Run Width	(ft): 40	Length (ft):	60 F	Avg, Depth (ft)	05	Max. Depth (ft):	1.0
Pool Width	(ft): / (p)	Length (ft):	20	Avg. Depth (ft)	C 000	Max. Depth (ft):	<u> </u>
☐ Flow Preser	nt? ☐ Yes	₩ No	Į.	Stimated (ft <sup>3</sup> /s			
bstrate*: (These		min	nows;	wea	-sel a	mink at	Bridge.
Mr. + % Cobbi			∕o % Sand	T	% Silt	% Mud/Clay	% Bedrock
40							
uatic Vegetatio	- * · / · · · · · · ·	6					
gane vogetatio						Ben Stay.	/ Le
	Oon it	See a				15 m 1/2 m	Ci
ater Characteri	Oon it	Se.c. (C		elective A		Other:	rough
ater Characteri	O.on 1	Se.c. (C	Qu s	elective A	Lin	6	rough
ater Characteric	O.on stics*: (Mark	Se.c (Call that apply.)  Musky Green  Solids	Chem	election /	None	Other:	roveh
ater Characteric	O.on  stics*: (Mark  Sewage	Se.c (Call that apply.)  Musky  Creen	Chem	nical grant	None Milky	Other:	rosch
ater Characteric Odor: Color: Bottom Deposit:	Dön  Stics*: (Mark  Sewage  Clear  Sludge	Se.c (Call that apply.)  Musky Green Solids Solids	Chem	nical grant	None Milky None None	Other:  Other: Other:	roveh
ater Characteric Odor: Color: Bottom Deposit: Surface Deposit:	Stics*: (Mark Sewage Siclear Sludge	Se.c (Call that apply.)  Musky Green  Solids  Scum	Chem Gray Fine Foam	nical grant est	None Milky None None	Other:  Other: Other:	rosch
ater Characteric Odor: Color: Bottom Deposit: Surface Deposit:	Sewage Sludge Oil attach additi	Se.c (Call that apply.)  Musky Solids Scum  prof	Chem Gray Fine Foam Sably 11 s (including	sediments of	None Milky None None from inte	Other: Other: Other: Other:	roveh
ater Characteric Odor: Color: Bottom Deposit: Surface Deposit: omments: Please	Sewage Sludge Oil attach additi	Se.c. (Call that apply.)  Musky Solids Scum  Prof.  Onal comments	Chem Gray Fine Foam Sably 11 s (including	sediments of information if use designation	None Milky None None from inte	Other: Other: Other: Other: rviews) to this form	
ater Characteric Odor: Color: Bottom Deposit: Surface Deposit: omments: Please his information is no	Sewage Sludge Oil attach additi	Se.c. (Call that apply.)  Musky Solids Solids Soum  Prof.  Onal comments ely for removal or conditions. Com	Chem Gray Fine Foam Sably 11 s (including	sediments of information is information in	None Milky None None from inte	Other: Other: Other: Other:	
ater Characteris Odor: Color: Bottom Deposit: Surface Deposit: omments: Please his information is no apprehensive understation on the recreation	Sewage Sludge Oil attach additi	Se.c. (Call that apply.)  Musky  Green  Solids  Soum  Prof  onal comments  ely for removal or conditions. Combut may point to	Chem Gray Fine Foam bably 1 s (including f a recreationa sequently, this conditions tha	sediments of information in the distribution i	None    Milky   None   None   on but rathers not intende analysis or the	Other: Other: Other: Other: tryiews) to this form is to provide a more d to directly influence a that effect another use.	1
ater Characteric Odor: Color: Bottom Deposit: Surface Deposit: omments: Please his information is no inprehensive understatistion on the recreation the undersigned	Stics*: (Mark  Sewage  Sludge  Oil  attach additi t to be used solution of water on use analysis, hereby affi	Se.c. (Call that apply.)  Musky Solids Scum  Prof  Onal comments ely for removal or conditions. Combut may point to	Chem Gray Fine Foam s (including f a recreationa sequently, this conditions that	sediments sediments sinformation in the designation in the med further swledge, that	None    Milky   None   None   from inite on but rathers not intende analysis or to	Other: Other: Other: Other: rviews) to this form	1
ater Characteris Odor: Color: Bottom Deposit: Surface Deposit: omments: Please his information is no apprehensive understation on the recreation	Stics*: (Mark  Sewage  Sludge  Oil  attach additi t to be used solution of water on use analysis, hereby affi	Se.c. (Call that apply.)  Musky Solids Scum  Prof  Onal comments ely for removal or conditions. Combut may point to	Chem Gray Fine Foam s (including f a recreationa sequently, this conditions that	sediments of information in the distribution i	None    Milky   None   None   from inite on but rathers not intende analysis or to	Other: Other: Other: Other: tryiews) to this form is to provide a more d to directly influence a that effect another use.	1
ater Characteric Odor: Color: Bottom Deposit: Surface Deposit: omments: Please his information is no inprehensive understatistion on the recreation the undersigned	Stics*: (Mark  Sewage  Sludge  Oil  attach additi t to be used solution of water on use analysis, hereby affi	Se.c. (Call that apply.)  Musky Solids Scum  Prof  Onal comments ely for removal or conditions. Combut may point to	Chem Gray Fine Foam s (including f a recreationa sequently, this conditions that	sediments sinformation in need further welgdge, that	None    Milky   None   None   from inite on but rathers not intende analysis or to	Other: Other: Other: Other: tryiews) to this form is to provide a more d to directly influence a that effect another use.	1

1615\_002.5\_US



1615\_002.5\_DS



#### Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

Missouri WBID#: //	15-003		Site Locatio	n Description: pridze	son, book
Site GPS Coordinates		8. 34	Fal ~ 1 m	n Description: privile with early ACHI M. C	houtle B.
Date & Time: -7-/2	-05	3/5	Facility Nar		
Personnel: Mars	-		Permit Num	ber:	
Current Weather Condit	ions: 1/dy		Weather Co	nditions for Past 7 days:	
Photo Ids: Upstream:	U.O. a Dow	nstream:	497	Other:	
s Observed*:	. *				
☐ Swimming	☐ Skin diving		l SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		l Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping		l Fishing	None of the above	☐ Other:
		reating, f	frequency of use, pl	noto-documentation of eviden	ee of recreational uses,
Describe: (include numb	er of individuals rec			· ·	
Describe: (include numb	er of individuals rec			nal uses. Attach photos of eviden	
Describe: (include number ounding Conditions of interest.)	er of individuals rec	promote o		nal uses. Attach photos of evi	
Pescribe: (include numberounding Conditions of interest.)  City/county parks	ns*: (Mark all that p	oromote o	or impede recreatio	nal uses. Attach photos of evi	ience or unusual
Describe: (include numb	ns*: (Mark all that p	oromote o	or impede recreation	nal uses. Attach photos of evidos	dence or unusual
rounding Conditions of interest.)  City/county parks  Boating accesses	ns*: (Mark all that p  Playgrounds  State parks	oromote o	or impede recreation C conservation landional forests	nal uses. Attach photos of evidos  ds	ience or unusual
rounding Conditions of interest.)  City/county parks  Boating accesses	ns*: (Mark all that p  Playgrounds  State parks	oromote o  □ MD □ Nati	or impede recreation C conservation landional forests	nal uses. Attach photos of evidos  ds	dence or unusual  ☐ Campgrounds ☐ Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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ream Mo			. ,,	·				mark ( Kanga
			r WBID # <u>/4 / :</u>				sacral	NS 8 88 1
_ F-4-1-F-11			Dimensions:				500 4	delon
☐ Riffie	Width		Length (ft):	Λν	g. Depth (ft):		Max. Depth (ft)	):
<b>⊠</b> Run	Width	(ft): 5,3	Length (ft):	125 AV	g. Depth (ft):	1,73	Max. Depth (ft)	1: 3, 41,0
☐ Pool	Width	(ft):	Length (ft):		g. Depth (ft):		Max. Depth (ft)	):
☐ Flow	Present	:? <b>Б√</b> Y€	es 🗆 No	Es	timated (ft <sup>3</sup> /sec):	- Me	ey freed b	uloci
Downstro	eam Vi	ew Physic	al Dimensions:				1 Day	Seal
☐ Riffle	Width		Length (ft):	Av	g. Depth (ft):		Max. Depth (ft)	):
Q∕Run	Width	(ft): 5°0	ـــــــــــــــــــــــــــــــــــــ	40 AV	g, Depth (ft):	2. A	Max. Depth (ft)	» > 3, ,
□ Pool	Width		Length (ft):		g. Depth (ft):	- i <b></b>	Max. Depth (ft)	);
□ Flow	Present	?	es 🗆 No	Es	timated (ft <sup>3</sup> /sec):			
uatic Ves	getation	i*: (note an	nount of vegetation	or algal growth	at the assessment	site)	A Part of the second se	-
		elg	rk all that apply.)	or algal growth.	at the assessment	site)	· · · · · · · · · · · · · · · · · · ·	
		elg	rk all that apply.)	Caven	cal XX	Mar (1)	□ Other:	
ater Char		elgr tics*: (Ma	rk all that apply.)	Caren	cal XX	one		
ater Char	racteris	Llg tics*: (Max □ Sewage	rk all that apply.)	COVER	cal No	one ilky	☐ Other:	